

CLAIMS:

We claim:

1. An absorbent article comprising:
a vapor-permeable liquid-impermeable bottomsheets having an interior surface and an exterior surface;
an absorbent structure positioned adjacent the interior surface; and
a non-adhesive skid-resistant coating applied to the exterior surface such that the bottomsheets remains vapor-permeable after application of the coating.
2. The absorbent article of claim 1 further comprising a liquid permeable topsheet having a first surface positioned adjacent the absorbent structure, sandwiching the absorbent structure between the topsheet and the bottomsheets.
3. The absorbent article of claim 2 wherein the absorbent structure is adhesively joined to at least one of the first surface and the interior surface.
4. The absorbent article of claim 1 wherein the bottomsheets has a vapor permeability, after application of the coating, of greater than about 300 grams H₂O/m²/24 hours.
5. The absorbent article of claim 1 wherein the exterior surface, after application of the coating, has a static coefficient of friction greater than about 0.7.
6. The absorbent article of claim 1 wherein the absorbent article has a drape stiffness less than about 10 cm after application of the coating.
7. The absorbent article of claim 1 wherein the absorbent article has an area greater than about 100 square inches.
8. The absorbent article of claim 5 wherein the absorbent article has a thickness less than about 15 mm.
9. The absorbent article of claim 1 wherein the exterior surface is planar.
10. The absorbent article of claim 1 wherein the exterior surface is non-planar improving the skid-resistance of the absorbent article.

11. An absorbent article comprising:

a liquid permeable topsheet having a first surface, a second surface, and a perimeter;
an absorbent structure positioned adjacent the first surface;
a vapor-permeable liquid-impermeable bottomsheets having an interior and an exterior
surface, the interior surface positioned adjacent the absorbent structure sandwiching
the absorbent structure between the topsheet and the bottomsheets;
a non-adhesive skid-resistant coating applied to the exterior surface such that the
bottomsheets remains vapor-permeable after application of the coating; and
barrier means for minimizing leakage along at least a portion of the perimeter.

12. The absorbent article of claim 11 wherein the barrier means comprises a strip of
material joined to the second surface adjacent the perimeter.

13. The absorbent article of claim 11 wherein the barrier means comprises an integral
portion of the bottomsheets joined to the second surface.

14. The absorbent article of claim 11 further comprising a rectangular shape wherein the
barrier means 22 are located adjacent the longer sides of the rectangular shape.

15. The absorbent article of claim 14 wherein the bottomsheets has a vapor permeability,
after application of the coating, of greater than about 300 grams H₂O/m²/24 hours.

16. The absorbent article of claim 11 wherein the exterior surface contains a plurality of
rugosities.

17. The absorbent article of claim 16 wherein the rugosities are formed by embossing.

18. A bed pad comprising:

a liquid permeable topsheet having a first surface, a second surface, and a perimeter;
an absorbent structure joined to the first surface;
a vapor-permeable liquid-impermeable bottomsheets having an interior and an exterior
surface, the interior surface joined to the absorbent structure;
a non-adhesive skid-resistant coating applied to the exterior surface such that the
bottomsheets remains vapor-permeable after application of the coating; and
a portion of the bottomsheets extending past the perimeter, and the bottomsheets
portion joined to the second surface forming an edge dam.

19. The bed pad of claim 18 wherein the bottomsheet portion comprises at least one fold.

- 5 20. The bed pad of claim 18 wherein the exterior surface contains a plurality of rugosities and has a coefficient of friction greater than about 0.7.

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